





Handheld Transceiver

VHF DJ-D17
UHF DJ-D47

The Cost-effective Digital Migration Solution.



- Improved call capacity with DMO 2-slots in Direct mode.
- Programmable up to 1024ch in 248ch per Zone.
- Meets IP67 and MIL-STD810C-G.
- Stun/Kill/Revive, Emergency call, mandown, VOX, Vibration, Dual-slot trunking and more!



Smooth migration from analog to DMR 2-slot Tier II digital

1.8" Graphic Dot-matrix True Color Display
A large, full color, 5-line display

Transmit Interrupt

The priority signal request programmable

Real-time GPS Localization

Integrated GPS enables the real time tracking

Versatile Voice Calls & Data Services

Supports Private, Group, All and Emergency calls in voice, in addition to data services such as GPS and Text messages

Advanced Encryptions of Voice and Data

Enhanced ARC 40-bit digital encryption and scrambled analog call features

Multiple Analog Signaling Modes

Supports MDC1200, DTMF, 2- and 5-Tone signaling





General	Hallullelus
Frequency Range	VHF 136~174MHz, UHF 400~470MHz
Channel Capacity / Zone Capacity	1024 / 248
Channel Spacing	12.5KHz / 20KHz / 25KHz
Operating Voltage	7.5V DC±20% (2000mAh Li-ion)
Dimension (approx. W x H x D)	137mm×55mm×35mm
Weight (approx.)	362g Ant. & Battery incld.

Transmitter	Handhelds
Frequency Stability	±0.5ppm
Power Output	1W/4W(UHF), 1W/5W(VHF)
Modulation Limiting	±2.5kHz@12.5kHz, ±4.0kHz@20kHz, ±5.0kHz@25kHz
FM Hum and Noise	-40dB@12.5kHz, -45dB@20/25kHz
Conducted/Radiated Emission	-36dBm@<1GHz, -30dBm@>1GHz
Adjacent Channel Power	-60dB@12.5kHz, -70dB@20/25kHz
4FSK Digital Modulation	12.5KHz(data only): 7K60FXD / 12.5KHz(data+voice): 7K60FXE
Analog Modulation	11K0F3E@12.5kHz, 14K0F3E @20kHz, 16K0F3E@25kHz
Digital Protocal / Vocoder	ETSI TS102361-1, -2, -3 / AMBE+2™

Receiver	Handhelds
Frequency Stability	±0.5ppm
Analog / Digital Sensitivity	$0.3\mu\mathrm{V/(12dB~SINAD)}$ / $0.22\mu\mathrm{V/BER5\%}$
Intermodulation	TIA603C:70dB ETSI:65dB
Adjacent Channel Selectivity (ETSI)	60dB@12.5kHz, 70dB@20/25kHz
Spurious Response Rejection	TIA603C : 70dB, ETSI : 70dB
Audio output (Distortion 3% typ.)	approx.1W
Hum and Noise	-40dB@12.5kHz, -45dB@20/25kHz
Audio Response /Audio Distortion	+1~-3dB/≤ 3% (typical)
Conducted Spurious Emission	-57dBm@<1GHz, -47dBm@>1GHz

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Standard Accessories



Battery Pack	Battery Charger	AC Adapter
EBP-103 Li-ion 7.4V 2000mAh	EDC-292	EDC-291 (220V)

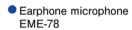
Whip antenna	Belt Clip	
EA-262 (VHF)		
EA-263 (UHF)	EBC-53	

Standard accessories declared herein are our factory default and may vary at moment of sales depending on the market and Dealers' sales policy.

Options

PC interface cable **ERW-18**

Available exclusively to dealers.



Battery pack EBP-105 Li-ion 7.4V 3000mAh

Plain speaker microphone EMS-86





GPS

Accuracy specs are for long-term tracking (95th percentile values >5 satellites visible at normal -130dbm signal strength.)

TIFF Cold start (Time to First Fix) <60 sec.

TIFF hot start (Time to First Fix)

<10 sec.

Horizontal Accccuracy <5meters mobiles, <5m Handhelds

Enviornmental Specifications

Operating Temperature	-30°C ∼ +60°C
Storage Temperature	-45°C ∼ +85°C
ESD	IEC 61000-4-2
Ingress protection	IP 67

Authorized Dealer:

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